

NOTICES OF FINAL RULEMAKING

The Administrative Procedure Act requires the publication of the final rules of the state's agencies. Final rules are those which have appeared in the *Register* first as proposed rules and have been through the formal rulemaking process including approval by the Governor's Regulatory Review Council or the Attorney General. The Secretary of State shall publish the notice along with the Preamble and the full text in the next available issue of the *Register* after the final rules have been submitted for filing and publication.

NOTICE OF FINAL RULEMAKING

TITLE 7. EDUCATION

CHAPTER 2. STATE BOARD OF EDUCATION

PREAMBLE

1. Sections Affected

R7-2-611
R7-2-617

Rulemaking Action

Amend
Amend

2. The specific authority for rulemaking, including both the authorizing statute (general) and the statutes the rules are implementing (specific):

Authorizing statute: A.R.S. § 15-203(A)

Implementing statute: A.R.S. § 15-203(A)(14)

3. The effective date of the rules:

October 21, 2003. In accordance with A.R.S. § 41-1032, these rules will become effective sixty days after certification by the Attorney General and filing with the Secretary of State's Office.

4. A list of all previous notices appearing in the Register addressing the final rules:

Notice of Rulemaking Docket Opening: 8 A.A.R. 4426, October 18, 2002

Notice of Proposed Rulemaking: 9 A.A.R. 915, March 21, 2003

5. The name and address of agency personnel with whom persons may communicate regarding the rulemaking:

Name: Christy Farley
Executive Director, State Board of Education

Address: 1535 W. Jefferson, Room 418
Phoenix, AZ 85007

Telephone: (602) 542-5057

Fax: (602) 542-3046

E-mail: cfarley@ade.az.gov

6. An explanation of the rules, including the agency's reasons for initiating the rules:

The State Board of Education is seeking amendments to R7-2-611 and R7-2-617 to address three critical issues that are currently addressed by emergency rules. The issues raised during the emergency rulemaking process are still relevant and would exist if permanent rules are not adopted. The first issue is that the Board would be unable to issue Provisional Vocational Education Teaching Certificates. The second issue would be the Board's inability to renew the Provisional Education Teaching Certificates for current certificate holders. The third issue that would arise without the adoption of these rules is that many individuals with an existing Provisional Vocational Education Teaching Certificate would not be able to convert that certificate to a Standard Vocational Education Teaching Certificate under the existing rules established in 1998.

The amendments contained in this rule package address the prior issues raised by the Attorney General's Office with regard to the rules package that was submitted in 2000 and subsequently rejected. This rules package maintains a proposal for various academic and professional routes to obtain a teaching certificate in the various disciplines of career and technical education while instituting uniformity in the requirements across the different disciplines as suggested by the Attorney General's Office.

The Attorney General's office rejected the vocational education rules submitted in 2000 for several reasons. The issues raised included: 1) the 2000 rules lacked uniformity across certificates; 2) The 2000 rules lacked definitions for terms that were used throughout the rules as well as definitions for subject matter and verified experience that was referenced; 3) the Attorney General's Office advised that there was a lack of specificity in reference to industry rec-

Notices of Final Rulemaking

ognized occupational certifications or licenses; 4) the options for each of the vocational certificates were not uniform or aligned; and 5) the teacher evaluation requirement lacked clarity. Each of these issues has been addressed by providing definition and/or clarity or removing the component in question in the amendments recommended in this rules package.

7. A reference to any study relevant to the rules that the agency reviewed and either relied on in its evaluation of or justification for the rules or did not rely on in its evaluation of or justification for the rules, where the public may obtain or review each study, all data underlying each study, and any analysis of each study and other supporting material:

Not applicable

8. A showing of good cause why the rules are necessary to promote a statewide interest if the rules will diminish a previous grant of authority of a political subdivision of this state:

The proposed rules will not diminish any previous grant of authority of a political subdivision of this state.

9. The summary of the economic, small business, and consumer impact:

The proposed amendments in this rule package will have no negative economic, small business, or consumer impact. The economic and consumer impact is expected to be positive by allowing: (1) existing certificate holders to continue in the classroom by providing the mechanism to renew their Provisional Vocational Education Teaching Certificate, (2) conversion of a Provisional Vocational Education Teaching Certificate to a Standard Vocational Education Teaching Certificate, and (3) additional vocational education teacher candidates will be allowed to obtain a Vocational Education Certificate. Each of the individuals listed in the above groups will experience economic benefit.

Teachers seeking initial vocational education certification will benefit by having multiple routes to obtaining certification. Statewide, students, schools, and school districts will benefit by having a continuing stream of qualified teachers available. Neither the State Board of Education, the Department of Education, nor any school districts or other political subdivisions will be subject to additional costs by these rules. There will be no effect on small business or on state revenues, and there is not a less-intrusive method for accomplishing the goals achieved by these rules.

10. A description of the changes between the proposed rules, including supplemental notices, and final rules (if applicable):

There are no changes between the proposed rules and the final rules.

11. A summary of the comments made regarding the rule and the agency response to them:

One individual appeared to provide public comment during the oral proceeding held Monday, May 12, 2003.

(Public Comment): Asked for the rules to move forward as currently proposed, but requested future discussion regarding subject-knowledge test requirements or professional license requirements for Career and Technical Education Teacher Certificate holders. It was stated that this will establish a higher degree of rigor for certification and will be reflected in the rigor of the coursework being provided to students of career and technical education courses. It was recognized that there are differing views with the education community on this issue and additional work is necessary prior to enacting additional requirements.

(Agency Response): The Board agrees that further discussion in this area is warranted and that there are different points of view that must be presented in considering any future recommendation in this area. It should also be recognized that the No Child Left Behind Act has requirements for demonstration of subject-knowledge expertise for career and technical education teachers who are providing instruction in courses in which core academic credit is awarded. Any discussion of further requirements on career and technical education certificate holder should be reviewed in connection with the federal requirements of No Child Left Behind. In addition, the State Board and the Department of Education are currently embarking on a Teacher Quality and Certification Task Force to discuss various issues regarding certification and this would be an appropriate venue for further discussions on the subject presented.

12. Any other matters prescribed by statute that are applicable to the specific agency or to any specific rule or class or rules:

Not applicable

13. Incorporations by reference and their location in the rules:

R7-2-611(C)(1) through (5) incorporates by reference the *Classification of Instructional programs-2000*, which was filed with the Secretary of State during the original emergency rulemaking process.

14. Was this rule previously made as an emergency rule:

Yes.

Notice of Emergency Rulemaking: 8 A.A.R. 5139, December 20, 2002

15. The full text of the rules follows:

Notices of Final Rulemaking

TITLE 7. EDUCATION

CHAPTER 2. STATE BOARD OF EDUCATION

ARTICLE 6. CERTIFICATION

Section

- R7-2-611. ~~Vocational Career and Technical Education~~ Teaching Certificates
R7-2-617. Renewal Requirements

ARTICLE 6. CERTIFICATION

R7-2-611. ~~Vocational Career and Technical Education~~ Teaching Certificates

- A. Except as noted, all certificates are subject to the general certification provisions in R7-2-607 and the renewal requirements in R7-2-617.
- B. ~~Provisional Vocational Certificate—Agriculture—grades K-12~~**
1. ~~The certificate is valid for two years.~~
 2. ~~The requirements are:~~
 - a. ~~A Bachelor's degree;~~
 - b. ~~Eighteen semester hours of courses in agriculture;~~
 - c. ~~Two thousand clock hours of verified employment in agriculture in the last six years; and~~
 - d. ~~A valid Class 1 or Class 2 fingerprint clearance card.~~
 3. ~~The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment before the 2nd renewal of the provisional vocational certificate or the issuance of the standard vocational certificate.~~
- C. ~~Standard Vocational Certificate—Agriculture—grades K-12~~**
1. ~~The certificate is valid for six years.~~
 2. ~~The requirements are:~~
 - a. ~~Qualification for the provisional vocational certificate—Agriculture;~~
 - b. ~~Thirty semester hours of courses in agriculture with 5 semester hours of courses in 3 of the following areas: animal science; plant science including soils; agricultural engineering; economics or agricultural economics; or agricultural resources;~~
 - c. ~~Eighteen semester hours of courses, to include the following areas: methods of teaching agriculture, curriculum and materials of instruction, and practicum in agriculture in grades K-12. Two years of experience teaching agriculture in grades K-12 may substitute for the practicum; and~~
 - d. ~~A valid Class 1 or Class 2 fingerprint clearance card.~~
- D. ~~Provisional Vocational Certificate—Business—grades K-12~~**
1. ~~The certificate is valid for two years.~~
 2. ~~The requirements are:~~
 - a. ~~A Bachelor's degree;~~
 - b. ~~Thirty semester hours of business and office courses;~~
 - c. ~~Six semester hours of vocational education courses;~~
 - d. ~~Two thousand clock hours of verified employment in business/office occupations or a practicum in business/office occupations in the past six years; and~~
 - e. ~~A valid Class 1 or Class 2 fingerprint clearance card.~~
 3. ~~The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment before the 2nd renewal of the provisional vocational certificate or the issuance of the standard vocational certificate.~~
- E. ~~Standard Vocational Certificate—Business—grades K-12~~**
1. ~~The certificate is valid for six years.~~
 2. ~~The requirements are:~~
 - a. ~~Qualification for the provisional vocational certificate—Business;~~
 - b. ~~Twenty-one semester hours of vocational education courses, to include methods of teaching business and principles of vocational education; and~~
 - c. ~~A valid Class 1 or Class 2 fingerprint clearance card.~~
- F. ~~Provisional Vocational Certificate—Family and Consumer Sciences—grades K-12~~**
1. ~~The certificate is valid for two years.~~
 2. ~~The requirements are:~~
 - a. ~~A Bachelor's degree;~~
 - b. ~~Thirty semester hours of courses in family and consumer sciences with one course in each of the following: life span development; family or human relations; clothing and textiles or merchandising; nutrition, health or food~~

Notices of Final Rulemaking

- preparation; facility management, housing or interior design; consumer economics or family resources; culinary arts; and practicum in child care or elder care;
- e. Two thousand clock hours of verified employment in family and consumer sciences or 5 semester hours of practicum in family and consumer sciences, completed in the last six years; and
- d. A valid Class 1 or Class 2 fingerprint clearance card.
- 3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment before the 2nd renewal of the provisional vocational certificate or the issuance of the standard vocational certificate.
- G. Standard Vocational Certificate—Family and Consumer Sciences—grades K-12**
 - 1. The certificate is valid for six years.
 - 2. Applicants shall meet all of the requirements in one of the following options:
 - a. Option A:
 - i. Qualification for the provisional vocational certificate—Family and Consumer Sciences;
 - ii. Eighteen semester hours of courses in vocational education to include methods of teaching family and consumer sciences; and
 - iii. A valid Class 1 or Class 2 fingerprint clearance card.
 - b. Option B:
 - i. A Bachelor's degree;
 - ii. Six thousand clock hours of verified employment in family and consumer sciences, completed in the last six years;
 - iii. Fifteen semester hours of courses in vocational education, to include methods of teaching family and consumer sciences; and
 - iv. A valid Class 1 or Class 2 fingerprint clearance card.
- H. Provisional Vocational Certificate—Health Occupations—grades K-12**
 - 1. The certificate is valid for two years.
 - 2. The requirements are:
 - a. A valid Class 1 or Class 2 fingerprint clearance card;
 - b. A professional license in a health occupation and 6,000 clock hours of verified employment in a health occupation in the last six years; or
 - c. A Bachelor's degree in a biological science, health science, or physical science; 2,000 clock hours of verified employment in the area to be taught, completed in the past six years; and a professional license in a health occupation.
 - 3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment before the 2nd renewal of the provisional vocational certificate or the issuance of the standard vocational certificate.
- I. Standard Vocational Certificate—Health Occupations—grades K-12**
 - 1. The certificate is valid for six years.
 - 2. The requirements are:
 - a. Qualification for the provisional vocational certificate—Health Occupations;
 - b. Twelve semester hours of vocational education courses, to include the following: methods of teaching, curriculum development, and evaluation; and
 - c. A valid Class 1 or Class 2 fingerprint clearance card.
- J. Provisional Vocational Certificate—Industrial Technology—grades K-12**
 - 1. The certificate is valid for two years.
 - 2. The requirements are:
 - a. A valid Class 1 or Class 2 fingerprint clearance card;
 - b. A Bachelor's degree and 2,000 clock hours of verified employment in the area to be taught; or
 - c. Six thousand clock hours of verified employment in the area to be taught. A valid industry-recognized occupational certification or license may substitute for the employment.
 - 3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment before the 2nd renewal of the provisional vocational certificate or the issuance of the standard vocational certificate.
- K. Standard Vocational Certificate—Industrial Technology—grades K-12**
 - 1. The certificate is valid for six years.
 - 2. The requirements are:
 - a. Qualify for the provisional vocational certificate—Industrial Technology;
 - b. Fifteen semester hours of courses in vocational education, to include methods of teaching industrial technology; and
 - c. A valid Class 1 or Class 2 fingerprint clearance card.

Notices of Final Rulemaking

~~L.~~ ~~Provisional Vocational Certificate—Marketing—grades K-12~~

- ~~1. The certificate is valid for two years.~~
- ~~2. The requirements are:~~
 - ~~a. A valid Class 1 or Class 2 fingerprint clearance card.~~
 - ~~b. A Bachelor's degree; and 6,000 clock hours of verified employment in the area to be taught; or~~
 - ~~c. A Bachelor's or more advanced degree in business or marketing; 2,000 clock hours of verified employment in marketing or a practicum in marketing occupations; and six semester hours of courses in each of the following: marketing, management, and finance.~~
- ~~3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment before the 2nd renewal of the provisional vocational certificate or the issuance of the standard vocational certificate.~~

~~M.~~ ~~Standard Vocational Certificate—Marketing—grades K-12~~

- ~~1. The certificate is valid for six years.~~
- ~~2. The requirements are:~~
 - ~~a. Qualification for the provisional vocational certificate—Marketing under the requirements in subsection (L)(2)(b);~~
 - ~~b. Twelve semester hours of marketing or business education courses to include methods of teaching, and curriculum and materials of instruction; and~~
 - ~~c. A valid Class 1 or Class 2 fingerprint clearance card.~~

B. A provisional career and technical education certificate shall be renewed once for two years upon completion of nine semester hours of courses required for the standard career and technical education certificate in the same career and technical education area. Courses should be completed since the most recent issuance of the provisional certificate.

C. For purposes of this rule, the following definitions apply:

1. "Agriculture" means agriculture, agriculture operations, and related sciences; natural resources and conservation; environmental design; landscape architecture; agricultural biological engineering and bioengineering; forest engineering, biological and biomedical sciences; parks, recreation and leisure studies; geological and earth sciences/geosciences; veterinary/animal health technology/technician and veterinary assistant; environmental health; veterinary medicine; veterinary biomedical and clinical sciences; and veterinary residency programs as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006; U.S. Government Printing Office, April 2002, CIP Codes 01, 03, 04.04, 04.06, 14.03, 14.34, 26, 31.0101, 40.06, 51.0808, 51.2202, 51.24, 51.25, 60.03, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education located at 1535 W. Jefferson, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
2. "Business and Marketing" means computer and information sciences and support services; computer engineering technologies/technicians; apparel and textile marketing management; accounting and computer science; business/commerce, general; business administration, management and operations; accounting and related services; business operations support and assistant services; business/corporate communications; business/managerial economics; entrepreneurial and small business operations; finance and financial management services; hospitality administration/management; human resources management and services; international business; management information systems and services; management sciences and quantitative methods; marketing; real estate; taxation; insurance; general sales, merchandising and related marketing operations; specialized sales, merchandising and marketing operations; and business, management, marketing and related support services, other as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006; U.S. Government Printing Office, April 2002, CIP Codes 11, 15.12, 19.0905, 30.16, 52.01-52.19 and 52.99, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education located at 1535 W. Jefferson, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
3. "Family and Consumer Sciences" means culinary arts and related services; kindergarten/preschool education and teaching; early childhood education and teaching; family and consumer sciences/human sciences; nutrition sciences; interior design; hospitality administration/management; fashion merchandising; fashion modeling; apparel and accessories marketing operations; tourism and travel services marketing operations; tourism promotion operations; and hospitality and recreation marketing operations as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006; U.S. Government Printing Office, April 2002, CIP Codes 12.05, 13.1209, 13.1210, 19, 30.19, 50.0408, 52.09, 52.1902-52.1906, and 52.1910, which is incorporated by reference and on file with the Ari-

Arizona Administrative Register / Secretary of State
Notices of Final Rulemaking

zona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education located at 1535 W. Jefferson, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.

4. "Health Careers" means exercise physiology; kinesiology and exercise science; medical/clinical assistant; clinical/medical laboratory assistant; pharmacy technician/assistant; medical radiologic technology/science-radiation therapist; radiologic technology/science-radiographer; physician assistant; athletic training/trainer; clinical/medical laboratory technician; clinical laboratory science/medical technology/technologist; phlebotomy/phlebotomist; medicine; nursing/registered nurse; osteopathic medicine/osteopathy; pharmacy; physical therapy/therapist; and kinesiotherapy/kinesiotherapist as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006; U.S. Government Printing Office, April 2002, CIP Codes 26.0908, 31.0505, 51.0801, 51.0802, 51.0805, 51.0907, 51.0911, 51.0912, 51.0913, 51.1004, 51.1005, 51.1009, 51.12, 51.1601, 51.19, 51.2001, 51.2308 and 51.2311 which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education located at 1535 W. Jefferson, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
5. "Industrial Technology" means audiovisual communications technologies/technicians; graphic communications; cosmetology and related personal grooming services; electrical engineering technologies/technicians; electromechanical instrumentation and maintenance technologies/technicians; environmental control technologies/technicians; industrial production technologies/technicians; quality control and safety technologies/technicians; mechanical engineering related technologies/technicians; mining and petroleum technologies/technicians; construction engineering technologies; engineering-related technologies; computer engineering technologies/technicians; drafting/design engineering technologies/technicians; security and protective services; mason/masonry; carpenters; electrical and power transmission installers; building/construction finishing, management and inspection; electrical/electronics maintenance and repair technology; heating, air conditioning, ventilation and refrigeration maintenance technology/technician; heavy/industrial equipment maintenance technologies; precision systems maintenance and repair technologies; vehicle maintenance and repair technologies; precision metal working; construction/heavy equipment/earthmoving equipment operation; design and visual communications, general; commercial and advertising art; industrial design; and commercial photography as described in Classification of Instructional Programs: 2000 Edition: (NCES 2002-165) U.S. Department of Education, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006; U.S. Government Printing Office, April 2002, CIP Codes 10.02-10.03, 12.04, 15.03-15.13, 43, 46.01-46.04, 47.01-47.06, 48.05, 49.0202, and 50.0401-50.0406, which is incorporated by reference and on file with the Arizona Department of Education and the Office of the Secretary of State. This incorporation by reference contains no future editions or amendments. Copies of the incorporated materials are available for review at the Arizona Department of Education located at 1535 W. Jefferson, Phoenix, AZ 85007 or may be ordered from the U.S. Department of Education, ED Pubs, P.O. Box 1398, Jessup, MD 20794-1398.
6. "Occupations" means employment in any of the areas identified in R7-2-611(C)(1) through (5) relating to Agriculture, Business and Marketing, Family and Consumer Sciences, Health Careers, or Industrial Technology.
7. "Professional Knowledge" means the art of teaching including the knowledge and skills necessary for instructional planning, delivery and evaluation in a career and technical education setting.
8. "Subject Knowledge" means the information, understanding and skills specific to the broad course of study.
9. "Verified Experience" means written documentation from a current or former employer, a current school superintendent, the Department of Education Career and Technical Education Programmatic State Supervisor, or self employment tax forms that indicate that an applicant for a career and technical education certificate performed work in a business or industry setting related to the program to be taught as identified in R7-2-611(C)(1) through (5).

D. Provisional Career and Technical Education Certificate - Agriculture -- grades K-12

1. The certificate is valid for two years.
2. The requirements are:
 - a. A valid Class 1 or Class 2 fingerprint clearance card; and
 - b. One of the following options:
 - i. Option A:
 - (1) A Bachelor's degree;
 - (2) Thirty semester hours of courses in agriculture with at least five semester hours of courses in three of the following areas: animal science; plant science including soils; agricultural engineering or mechanics; economics or agricultural economics; or agricultural or natural resources; and
 - (3) Two-hundred-forty clock hours of verified experience in agriculture occupations.
 - ii. Option B:
 - (1) A valid Arizona standard secondary teaching certificate issued pursuant to this Article;

Notices of Final Rulemaking

- (2) One year of the most recent teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the Arizona standard secondary teaching certificate exhibiting satisfactory performance in the classroom;
- (3) Three semester hours of courses in career and technical agricultural education methods; and
- (4) Four-hundred-eighty clock hours of verified experience in agriculture occupations.
- iii. Option C:
Six thousand clock hours of verified experience in agriculture occupations.
- iv. Option D:
A valid teaching certificate in career and technical agriculture education from another state.
- 3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers before the renewal of the provisional career and technical education certificate - Agriculture or the issuance of the standard career and technical education certificate - Agriculture. A person holding this certificate pursuant to Option D shall not be required to take the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers if the person has passed a component on a proficiency assessment that has been adopted by a state board of education or equivalent agency in another state and that the Board in this state has determined to be equivalent to the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers.

E. Standard Career and Technical Education Certificate - Agriculture -- grades K-12

- 1. The certificate is valid for six years.
- 2. The requirements are:
 - a. A valid Class 1 or Class 2 fingerprint clearance card; and
 - b. One of the following options:
 - i. Option A:
 - (1) Qualification under Option A for the provisional career and technical education certificate - Agriculture; and
 - (2) Twenty-one semester hours of courses, to include the following areas: methods of teaching agriculture, curriculum and materials of instruction, career and technical education classroom management including laboratory safety, operation of a career and technical student organization, experiential education, and practicum in agriculture in grades K-12. Two years of experience teaching agriculture in grades K-12 may substitute for the practicum.
 - ii. Option B:
 - (1) Qualification under Option B for the provisional career and technical education certificate - Agriculture;
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Agriculture exhibiting satisfactory performance in the classroom; and
 - (3) Fifteen semester hours of courses to include:
 - (a) Nine semester hours of courses in agriculture subject knowledge;
 - (b) Three semester hours of courses in career and technical classroom management including laboratory safety; and
 - (c) Three semester hours of courses in the operation of a career and technical student organization.
 - iii. Option C:
 - (1) Qualification under Option C for the provisional career and technical education certificate - Agriculture;
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Agriculture exhibiting satisfactory performance in the classroom;
 - (3) Fifteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching agriculture, curriculum design/development, instructional design/methodology, assessment/evaluation, instructional technology, educational philosophy, or career and technical education classroom management including laboratory safety; and
 - (4) Nine semester hours of courses in agriculture subject knowledge.
 - iv. Option D:
 - (1) Qualification under Option D for the provisional career and technical education certificate - Agriculture; and
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Agriculture exhibiting satisfactory performance in the classroom.

Arizona Administrative Register / Secretary of State
Notices of Final Rulemaking

F. Provisional Career and Technical Education Certificate - Business and Marketing -- grades K-12

1. The certificate is valid for two years.
2. The requirements are:
 - a. A valid Class 1 or Class 2 fingerprint clearance card; and
 - b. One of the following options:
 - i. Option A:
 - (1) A Bachelor's or more advanced degree in business, business education, marketing or marketing education; and
 - (2) Two-hundred-forty clock hours of verified experience in business/marketing occupations or a practicum in the areas of business/marketing occupations.
 - ii. Option B:
 - (1) A valid Arizona standard secondary teaching certificate issued pursuant to this Article;
 - (2) One year of the most recent teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the Arizona standard secondary teaching certificate exhibiting satisfactory performance in the classroom;
 - (3) Three semester hours of courses in career and technical business or marketing education methods; and
 - (4) Four-hundred-eighty clock hours of verified experience in business/marketing occupations.
 - iii. Option C:
Six thousand clock hours of verified experience in business/marketing occupations.
 - iv. Option D:
A valid teaching certificate in business education, marketing education, career and technical business education or career and technical marketing education from another state.
3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers before the renewal of the provisional career and technical education certificate - Business and Marketing or the issuance of the standard career and technical education certificate - Business and Marketing. A person holding this certificate pursuant to Option D shall not be required to take the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers if the person has passed a component on a proficiency assessment that has been adopted by a state board of education or equivalent agency in another state and that the Board in this state has determined to be equivalent to the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers.

G. Standard Career and Technical Education Certificate - Business and Marketing -- grades K-12

1. The certificate is valid for six years.
2. The requirements are:
 - a. A valid Class 1 or Class 2 fingerprint clearance card; and
 - b. One of the following options:
 - i. Option A:
 - (1) Qualification under Option A for the provisional career and technical education certificate - Business and Marketing; and
 - (2) Eighteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching business or marketing, curriculum design/development, instructional technology, educational philosophy, instructional design/methodology, assessment/evaluation, or classroom management.
 - ii. Option B:
 - (1) Qualification under Option B for the provisional career and technical education certificate - Business and Marketing;
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Business and Marketing exhibiting satisfactory performance in the classroom; and
 - (3) Twelve semester hours to include:
 - (a) Nine semester hours of courses in business or marketing subject knowledge; and
 - (b) Three semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching business or marketing, curriculum design/development, instructional technology, classroom management, educational philosophy, instructional design/methodology, or assessment/evaluation.

Notices of Final Rulemaking

iii. Option C:

- (1) Qualification under Option C for the provisional career and technical education certificate - Business and Marketing;
- (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Business and Marketing exhibiting satisfactory performance in the classroom;
- (3) Fifteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching business or marketing, curriculum design/development, instructional design/methodology, assessment/evaluation, instructional technology, educational philosophy or career and technical education classroom management; and
- (4) Nine semester hours of courses in business or marketing subject knowledge.

iv. Option D:

- (1) Qualification under Option D for the provisional career and technical education certificate - Business and Marketing; and
- (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Business and Marketing exhibiting satisfactory performance in the classroom.

H. Provisional Career and Technical Education Certificate - Family and Consumer Sciences -- grades K-12

1. The certificate is valid for two years.

2. The requirements are:

a. A valid Class 1 or Class 2 fingerprint clearance card; and

b. One of the following options:

i. Option A:

- (1) A Bachelor's degree;
- (2) Thirty semester hours of courses in family and consumer sciences that includes instruction in each of the following: human development; family or human relations; clothing, textiles or fashion merchandising; nutrition or food preparation; facility management, housing or interior design; consumer economics, family resources, personal finance or family financial management; food production or culinary arts; and child development; and
- (3) Two-hundred-forty clock hours of verified experience in family and consumer sciences occupations.

ii. Option B:

- (1) A valid Arizona standard secondary teaching certificate issued pursuant to this Article;
- (2) One year of the most recent teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the Arizona standard secondary teaching certificate exhibiting satisfactory performance in the classroom;
- (3) Three semester hours of courses in career and technical occupational family and consumer sciences education methods; and
- (4) Four-hundred-eighty clock hours of verified experience in family and consumer sciences occupations.

iii. Option C:

Six thousand clock hours of verified experience in family and consumer sciences occupations.

iv. Option D:

A valid teaching certificate in career and technical family and consumer sciences education from another state.

3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers before the renewal of the provisional career and technical education certificate - Family and Consumer Sciences or the issuance of the standard career and technical education certificate - Family and Consumer Sciences. A person holding this certificate pursuant to Option D shall not be required to take the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers if the person has passed a component on a proficiency assessment that has been adopted by a state board of education or equivalent agency in another state and that the Board in this state has determined to be equivalent to the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers.

I. Standard Career and Technical Education Certificate - Family and Consumer Sciences -- grades K-12

1. The certificate is valid for six years.

2. The requirements are:

a. A valid Class 1 or Class 2 fingerprint clearance card; and

b. One of the following options:

Notices of Final Rulemaking

- i. Option A:
 - (1) Qualification under Option A for the provisional career and technical education certificate - Family and Consumer Sciences; and
 - (2) Eighteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching occupational family and consumer sciences, curriculum design/development, instructional technology, educational philosophy, instructional design/methodology, assessment/evaluation or classroom management including laboratory safety.
- ii. Option B:
 - (1) Qualification under Option B for the provisional career and technical education certificate - Family and Consumer Sciences;
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Family and Consumer Sciences exhibiting satisfactory performance in the classroom; and
 - (3) Twelve semester hours of courses to include:
 - (a) Nine semester hours of courses in family and consumer sciences subject knowledge; and
 - (b) Three semester hours of courses in career and technical education classroom management including laboratory safety.
- iii. Option C:
 - (1) Qualification under Option C for the provisional career and technical education certificate - Family and Consumer Sciences;
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Family and Consumer Sciences exhibiting satisfactory performance in the classroom;
 - (3) Fifteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching occupational family and consumer sciences, curriculum design/development, instructional design/methodology, assessment/evaluation, instructional technology, educational philosophy or career and technical education classroom management including laboratory safety; and
 - (4) Nine semester hours of courses in family and consumer sciences subject knowledge.
- iv. Option D:
 - (1) Qualification under Option D for the provisional career and technical education certificate - Family and Consumer Sciences; and
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Family and Consumer Sciences exhibiting satisfactory performance in the classroom.

J. Provisional Career and Technical Education Certificate - Health Careers -- grades K-12.

- 1. The certificate is valid for two years.
- 2. The requirements are:
 - a. A valid Class 1 or Class 2 fingerprint clearance card; and
 - b. One of the following options:
 - i. Option A:
 - (1) A Bachelor's or more advanced degree in a biological science, health science, physical science, or nursing; and
 - (2) Six thousand clock hours of verified experience in health careers occupations.
 - ii. Option B:
 - (1) A valid Arizona standard secondary teaching certificate issued pursuant to this Article;
 - (2) One year of the most recent teacher evaluation(s) approved by a certificated administrator or the administrator's designee, in a secondary school setting and issued during the term of the Arizona standard secondary teaching certificate exhibiting satisfactory performance in the classroom;
 - (3) Three semester hours of courses in career and technical education methods; and
 - (4) Six thousand clock hours of verified experience in health careers occupations.
 - iii. Option C:
 - Six thousand clock hours of verified experience in health careers occupations.

Notices of Final Rulemaking

iv. Option D:

A valid teaching certificate in career and technical health careers education from another state.

3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers before the renewal of the provisional career and technical education certificate - Health Careers or the issuance of the standard career and technical education certificate – Health Careers. A person holding this certificate pursuant to Option D shall not be required to take the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers if the person has passed a component on a proficiency assessment that has been adopted by a board of education or equivalent agency in another state and that the state Board in this state has determined to be equivalent to the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers.

K. Standard Career and Technical Education Certificate - Health Careers -- grades K-12

1. The certificate is valid for six years.

2. The requirements are:

a. A valid Class 1 or Class 2 fingerprint clearance card; and

b. One of the following options:

i. Option A:

(1) Qualification under Option A for the provisional career and technical education certificate - Health Careers; and

(2) Eighteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching career and technical education, curriculum design/development, instructional technology, educational philosophy, instructional design/methodology, assessment/evaluation or classroom management including laboratory safety.

ii. Option B:

(1) Qualification under Option B for the provisional career and technical education certificate – Health Careers;

(2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator’s designed, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Health Careers exhibiting satisfactory performance in the classroom; and

(3) Twelve semester hours of courses to include:

(a) Nine semester hours of courses in health careers subject knowledge; and

(b) Three semester hours of courses in career and technical education classroom management including laboratory safety.

iii. Option C:

(1) Qualification under Option C for the provisional career and technical education certificate – Health Careers;

(2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator’s designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Health Careers exhibiting satisfactory performance in the classroom;

(3) Fifteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching career and technical education, curriculum design/development, instructional design/methodology, assessment/evaluation, instructional technology, educational philosophy or career and technical education classroom management including laboratory safety; and

(4) Nine semester hours of courses in health careers subject knowledge.

iv. Option D:

(1) Qualification under Option D for the provisional career and technical education certificate - Health Careers; and

(2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator’s designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Health Careers exhibiting satisfactory performance in the classroom.

L. Provisional Career and Technical Education Certificate - Industrial Technology -- grades K-12

1. The certificate is valid for two years.

2. The requirements are:

a. A valid Class 1 or Class 2 fingerprint clearance card; and

b. One of the following options:

i. Option A:

(1) A Bachelor’s or more advanced degree in Industrial Arts or Industrial Technology Education; and

(2) Two-hundred-forty clock hours of verified experience in industrial technology occupations.

Notices of Final Rulemaking

- ii. Option B:
 - (1) A valid Arizona standard secondary teaching certificate issued pursuant to this Article;
 - (2) One year of the most recent teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the Arizona standard secondary teaching certificate exhibiting satisfactory performance in the classroom;
 - (3) Three semester hours of courses in career and technical education methods; and
 - (4) Four-hundred-eighty clock hours of verified experience in industrial technology occupations.
- iii. Option C:

Six thousand clock hours of verified experience in industrial technology occupations.
- iv. Option D:

A valid teaching certificate in career and technical industrial arts education or career and technical industrial technology education from another state.

- 3. The holder of this certificate shall receive a passing score on the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers before the renewal of the provisional career and technical education certificate - Industrial Technology or the issuance of the standard career and technical education certificate - Industrial Technology. A person holding this certificate pursuant to Option D shall not be required to take the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers if the person has passed a component on a proficiency assessment that has been adopted by a state board of education or equivalent agency in another state and that the Board in this state has determined to be equivalent to the professional knowledge portion of the Arizona Teacher Proficiency Assessment for secondary teachers.

M. Standard Career and Technical Education Certificate - Industrial Technology -- grades K-12

- 1. The certificate is valid for six years.
- 2. The requirements are:
 - a. A valid Class 1 or Class 2 fingerprint clearance card; and
 - b. One of the following options:
 - i. Option A:
 - (1) Qualification under Option A for the provisional career and technical education certificate - Industrial Technology; and
 - (2) Eighteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching career and technical education, curriculum design/development, instructional technology, educational philosophy, instructional design/methodology, assessment/evaluation, or classroom management including laboratory safety.
 - ii. Option B:
 - (1) Qualification under Option B for the provisional career and technical education certificate - Industrial Technology;
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Industrial Technology exhibiting satisfactory performance in the classroom; and
 - (3) Twelve semester hours of courses to include:
 - (a) Nine semester hours of courses in industrial technology subject knowledge; and
 - (b) Three semester hours of courses in career and technical education classroom management including laboratory safety.
 - iii. Option C:
 - (1) Qualification under Option C for the provisional career and technical education certificate - Industrial Technology;
 - (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Industrial Technology exhibiting satisfactory performance in the classroom;
 - (3) Fifteen semester hours of courses in professional knowledge to include any of the following areas: principles/philosophy of career and technical education, operation of a career and technical student organization, methods of teaching career and technical education, curriculum design/development, instructional design/methodology, assessment/evaluation, instructional technology, educational philosophy or career and technical education classroom management including laboratory safety; and
 - (4) Nine semester hours of courses in industrial technology subject knowledge.
 - iv. Option D:
 - (1) Qualification under Option D for the provisional career and technical education certificate - Industrial Technology; and

Notices of Final Rulemaking

- (2) Two years of teacher evaluation(s) approved by a certificated administrator, or the administrator's designee, in a secondary school setting and issued during the term of the provisional career and technical education certificate - Industrial Technology exhibiting satisfactory performance in the classroom.

R7-2-617. Renewal Requirements

- A.** No change
- B.** No change
 - 1. No change
 - 2. No change
 - 3. No change
 - 4. No change
 - 5. No change
 - 6. No change
 - 7. No change
 - 8. No change
- C.** No change
- D.** No change
- E.** No change
- F.** No change
- G.** No change
- H.** ~~A provisional vocational certificate shall be renewed for 2 years upon completion of 9 semester hours of courses required for the standard vocational certificate in the same vocational area, completed since the most recent issuance or renewal of the provisional certificate.~~